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(US). SOULES, Thomas, F. [US/US]; 324 Claymore
Boulevard, Richmond Heights, OH 44143 (US).

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(74) Agent: McCOLLISTER, Scott, A.; Fay, Sharpe, Fagan,
Minnich & McKee, LLP, 1100 Superior Avenue, Seventh
Floor, Cleveland, OH 44114 (US).

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(71) Applicant (*for all designated States except US*): GEL-
CORE LLC [US/US]; 6180 Halle Drive, Valley View, OH
44125-4635 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): SETLUR, Anant,
A. [US/US]; 2081 Orchard Park, Niskayuna, NY 12309
(US). SHIANG, Joseph [US/US]; 2524 Hilltop Road,
Niskayuna, NY 12309 (US). COMANZO, Holly, Ann
[US/US]; 2506 Eastern Parkway, Niskayuna, NY 12309
(US). BECKER, Charles, A. [US/US]; 1010 Lamplighter
Road, Schenectady, NY 12309 (US). DUCLOS, Steven
[US/US]; 61 Carriage Road, Clifton Park, NY 12065 (US).
SRIVASTAVA, Alok, Mani [US/US]; 1378 Philomena
Road, Niskayuna, NY 12309 (US). WEAVER, Stanton
[US/US]; 119 Hemlock Terrace, Northville, NY 12134

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(54) Title: RULES FOR EFFICIENT LIGHT SOURCES USING PHOSPHOR CONVERTED LEDS

(57) Abstract: An LED lamp including an LED and one or more phosphors, wherein for each phosphor, a figure of merit (FOM) defined as the product of (incident LED flux) x (excitation cross-section of the phosphor) x (phosphor material decay time) is less than 0.3. Such an arrangement provides a light emitting device with improved lumen output and color stability over a range of drive currents.

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